

1/45

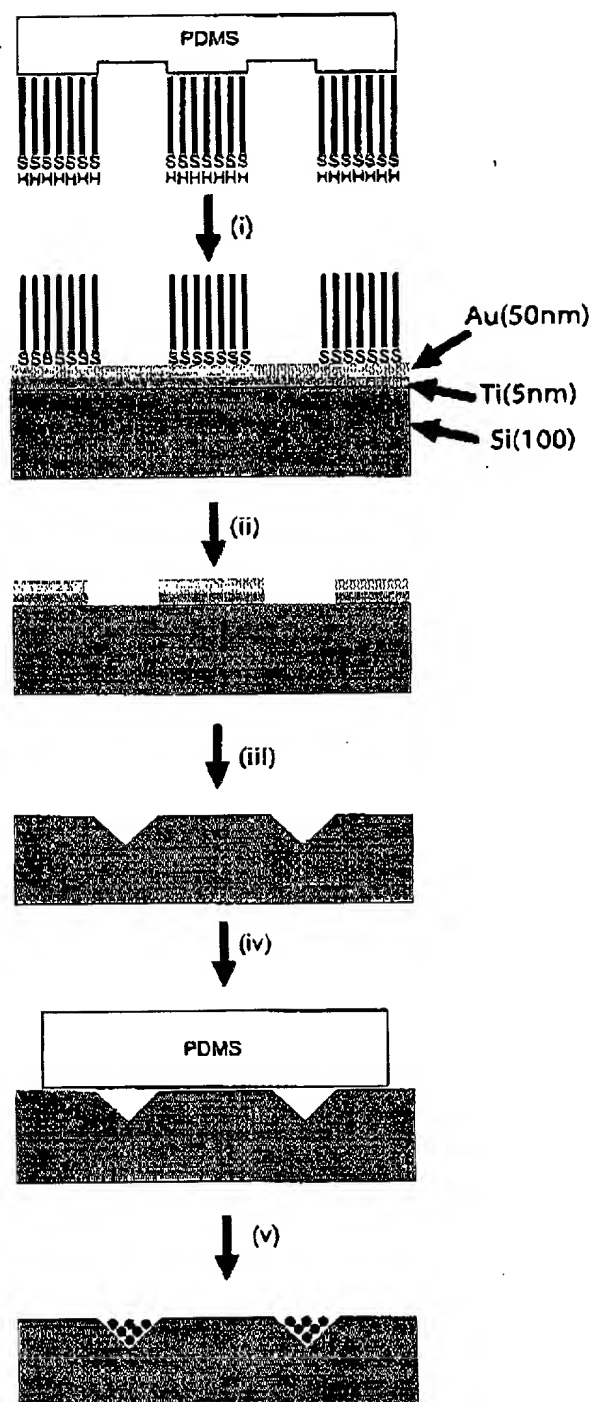
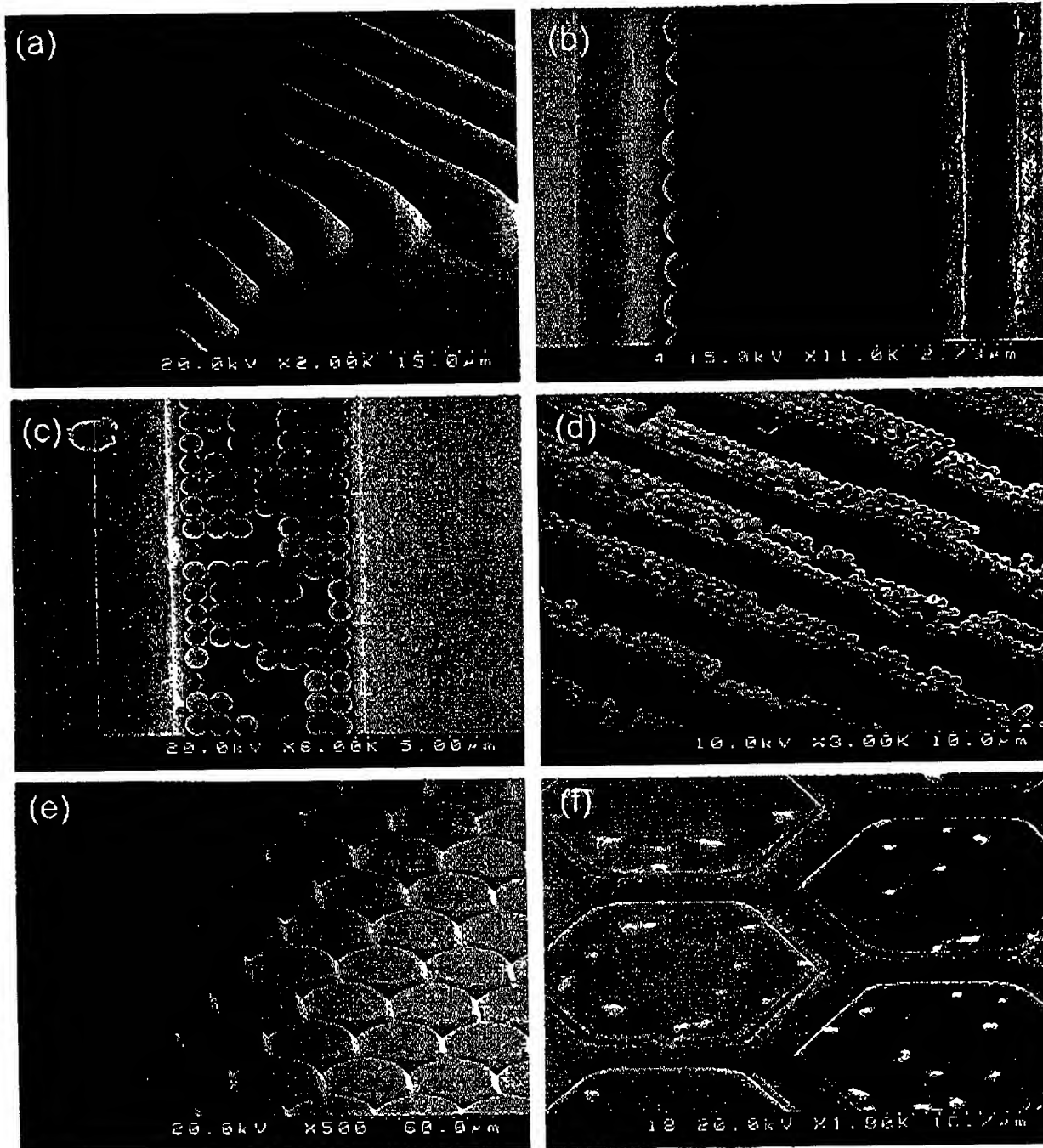


Figure 1

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Figures 1(a) to (f)

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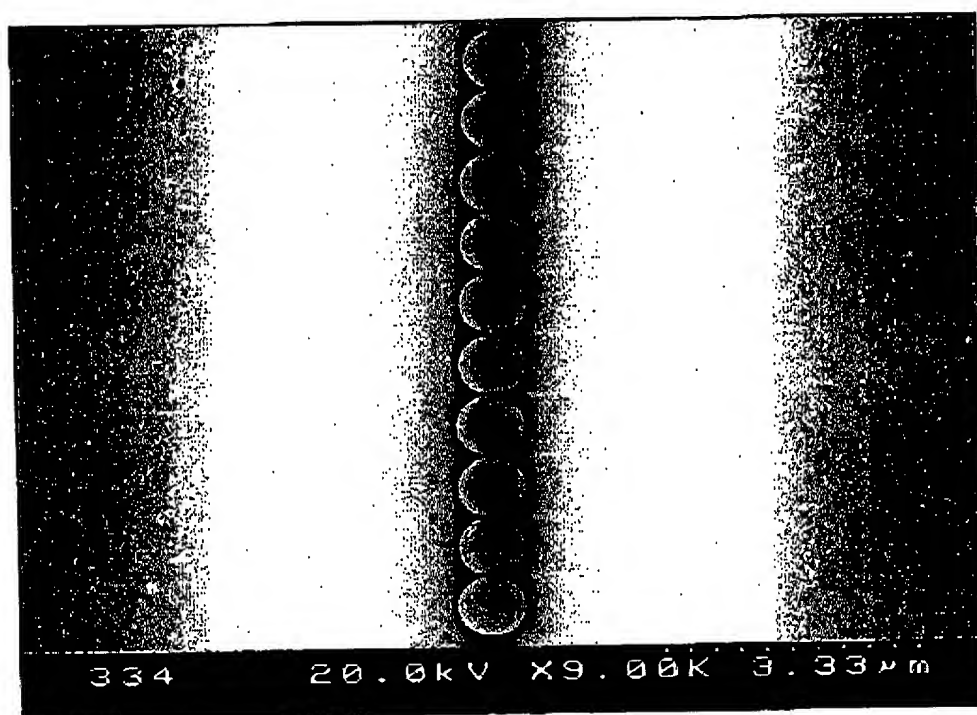


Figure 2

T09T0T "4524650

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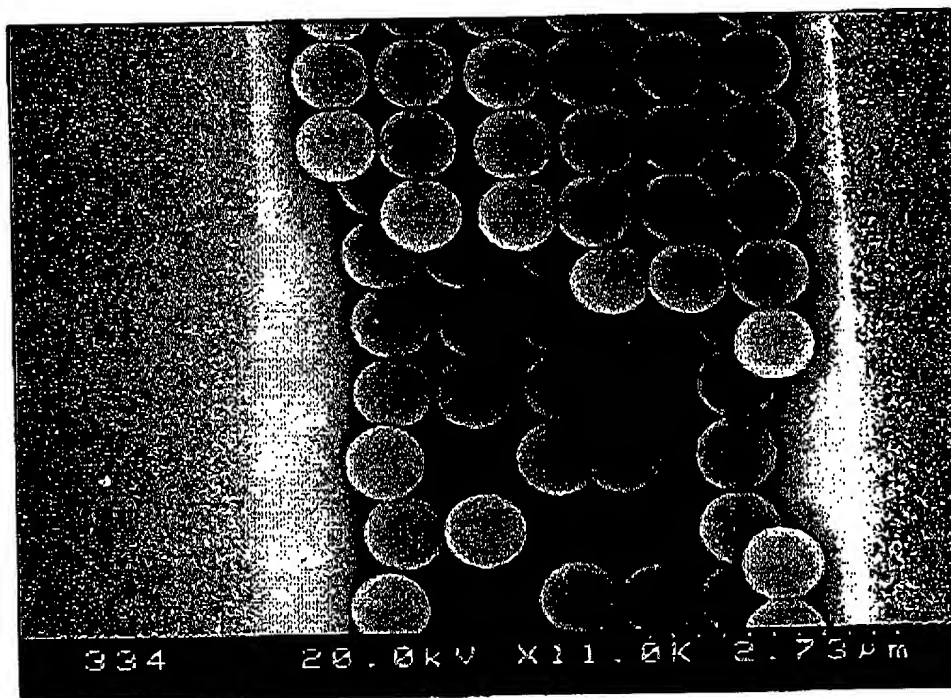


Figure 2b

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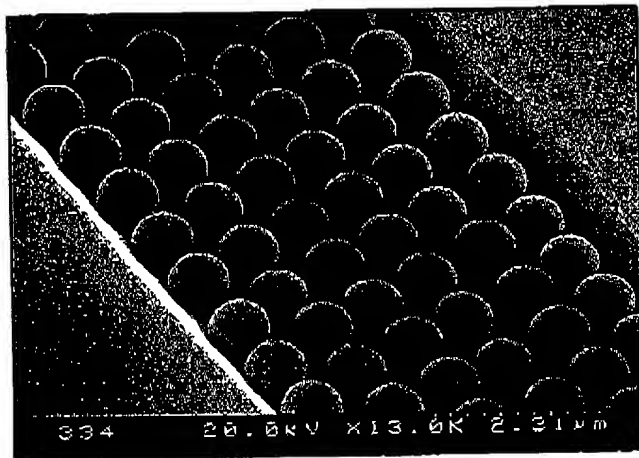


Figure 3a

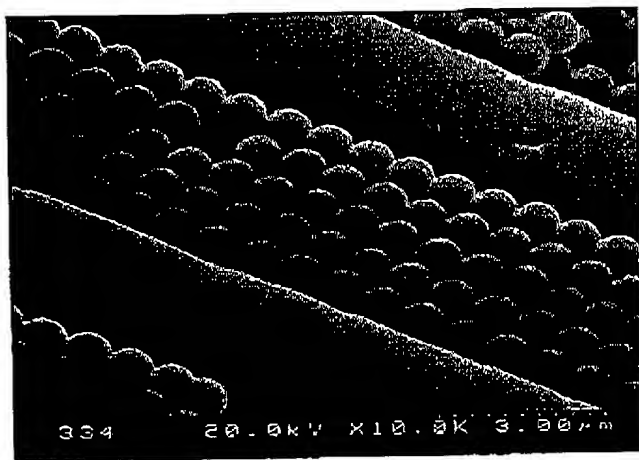


Figure 3b

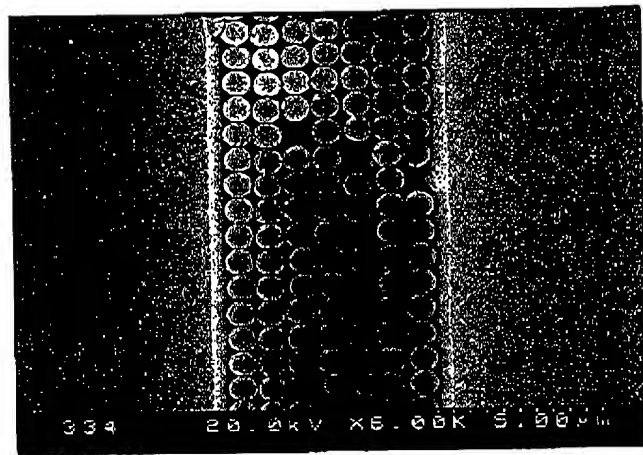


Figure 3c

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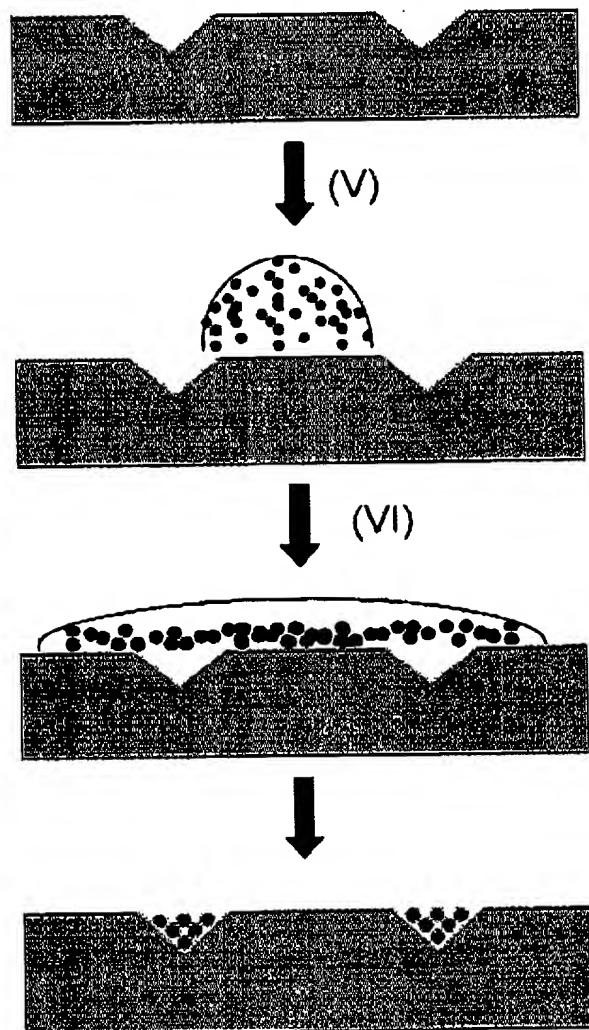


Figure 4

0997384-101601

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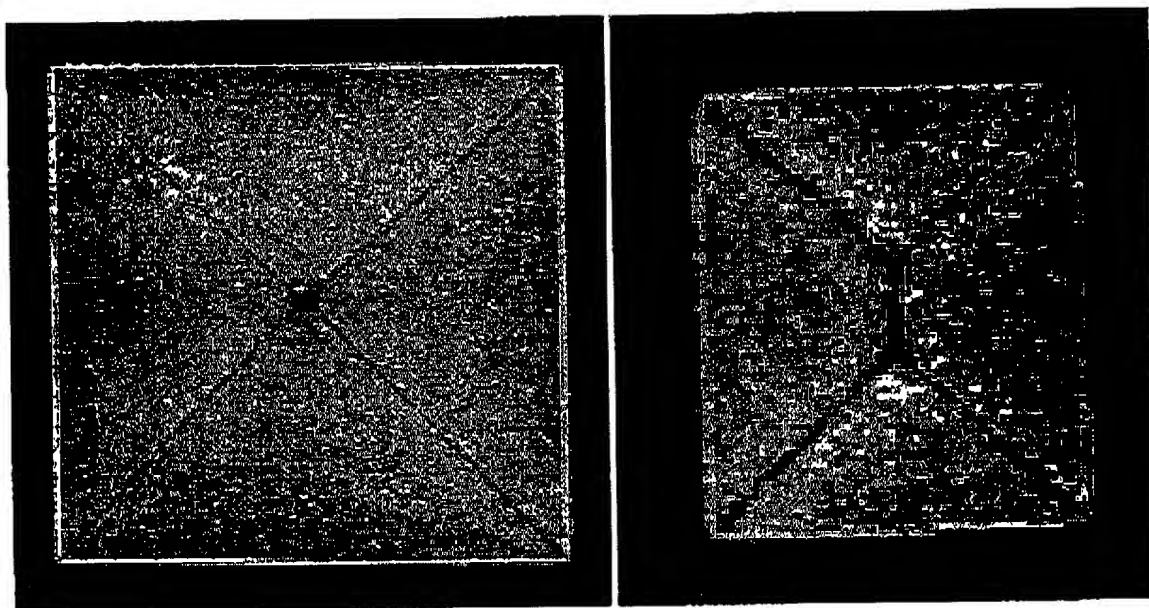


Figure 4a

T09T0T"452/650

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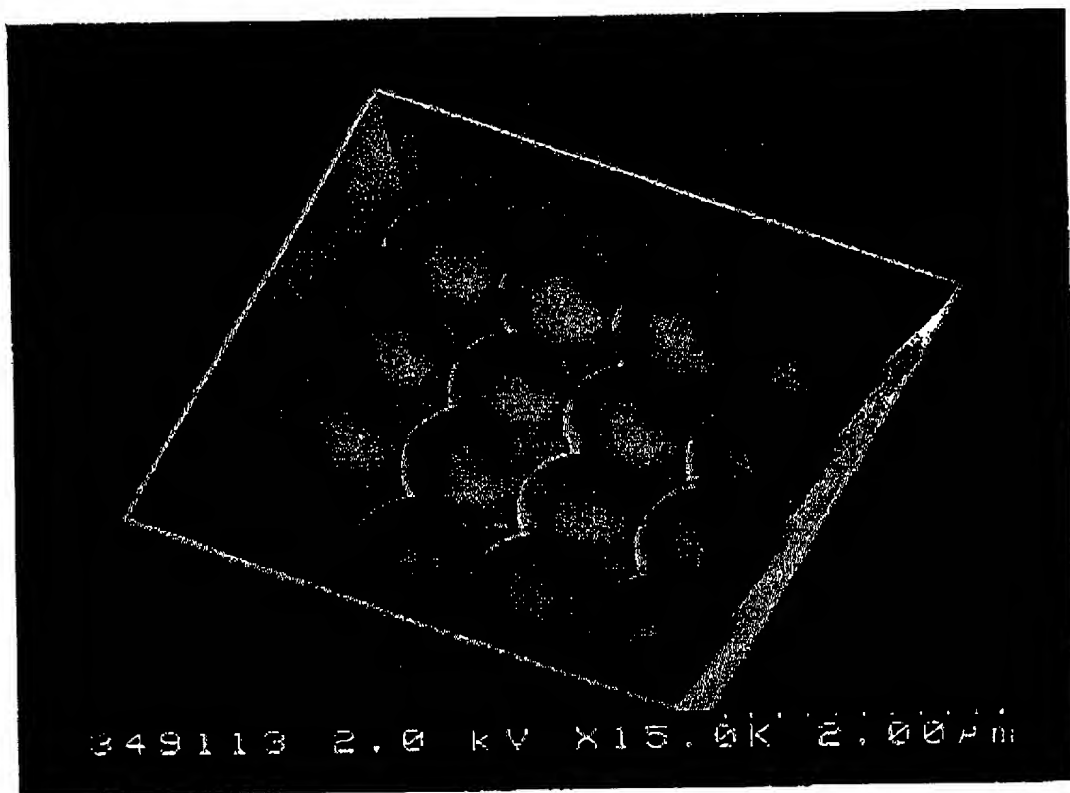


Figure 4b

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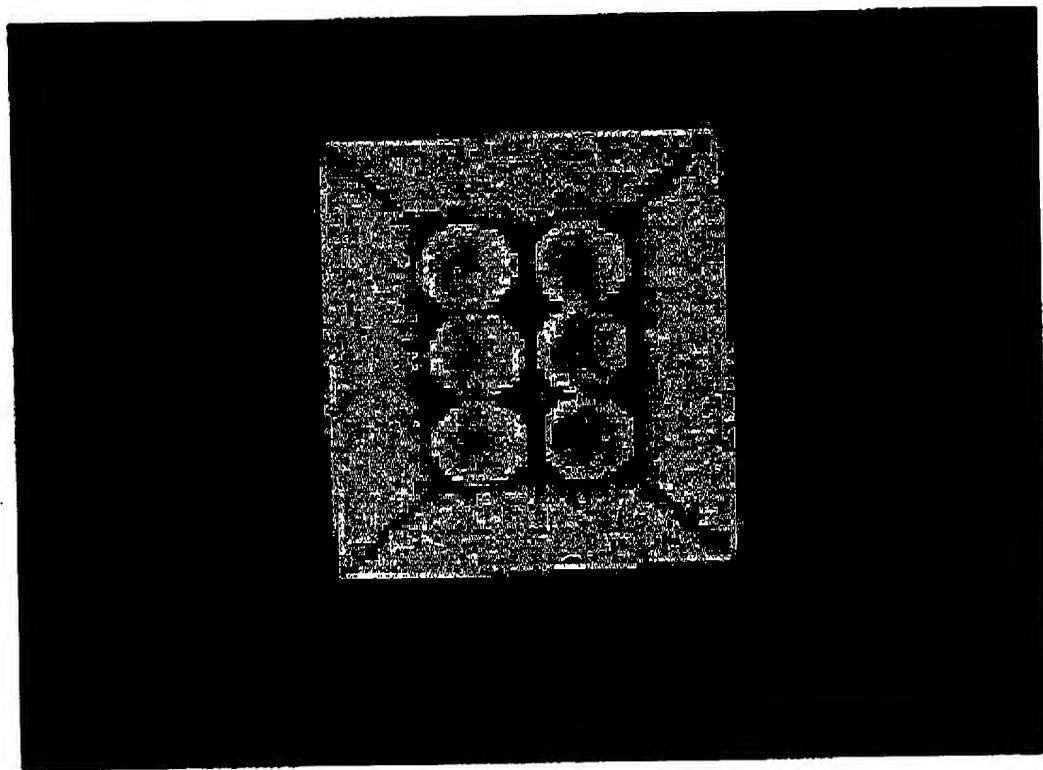
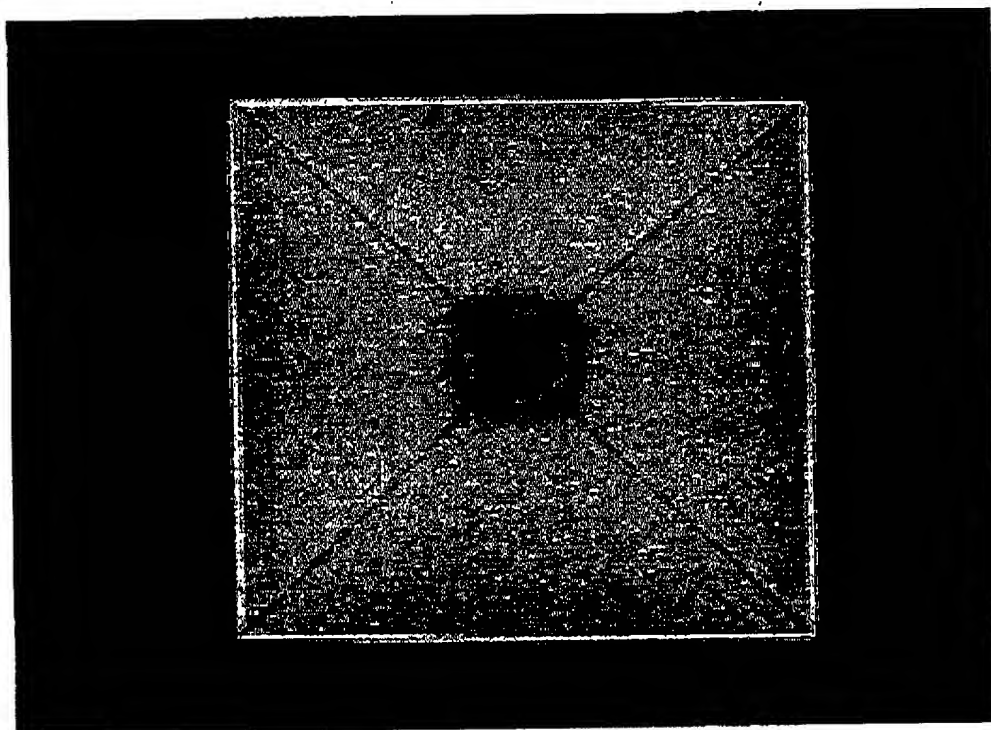


Figure 4c

TOP SECRET "4522660

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**Figure 5a**

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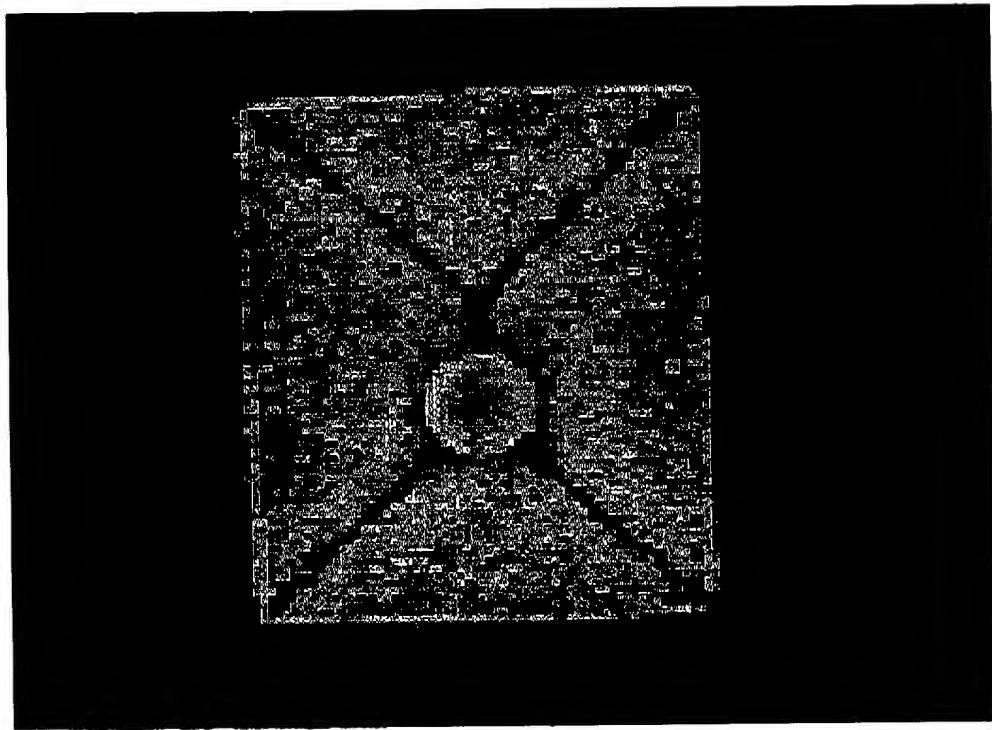


Figure 5b

T09T07-452/660

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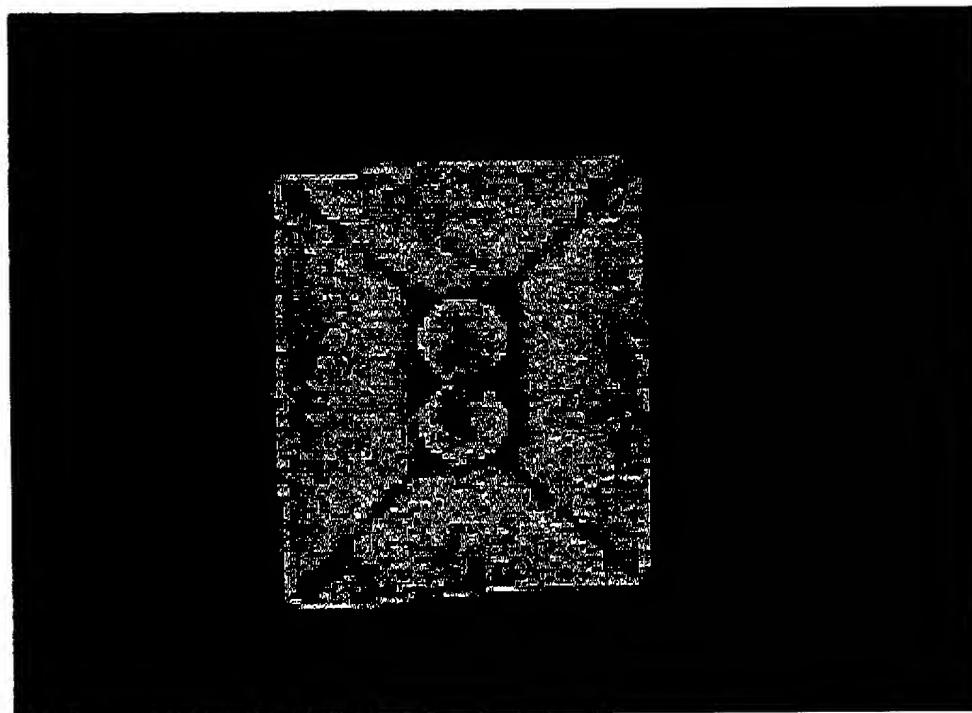


Figure 5c

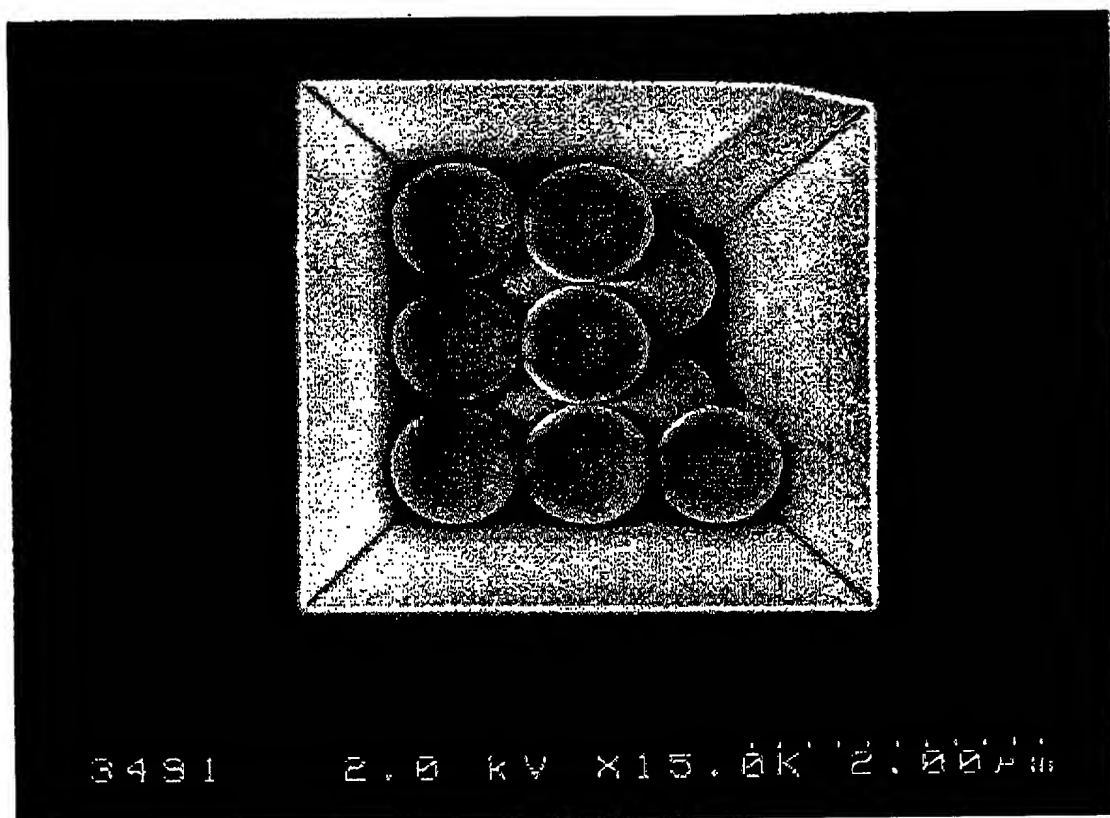
TOPOT 4522650

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**Figure 6a**

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**Figure 6b**

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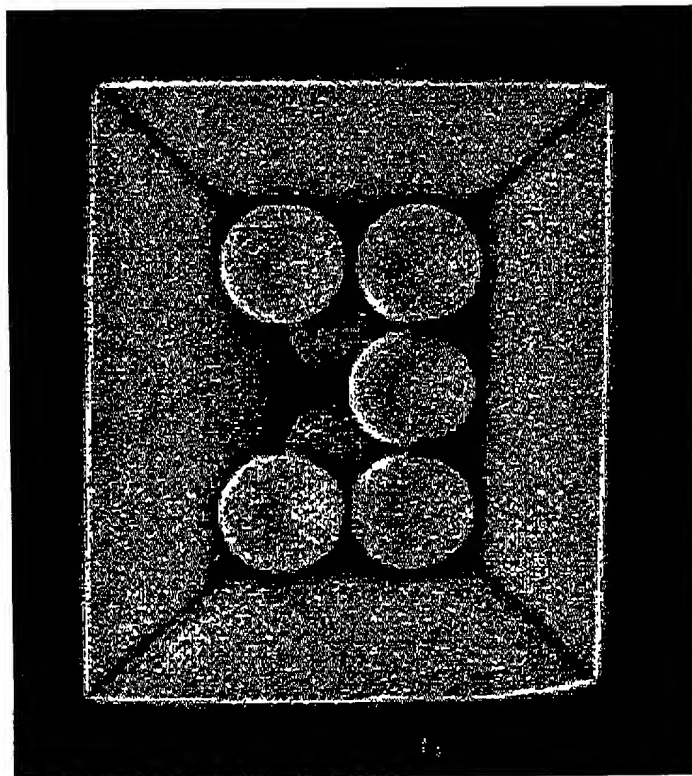


Figure 6c

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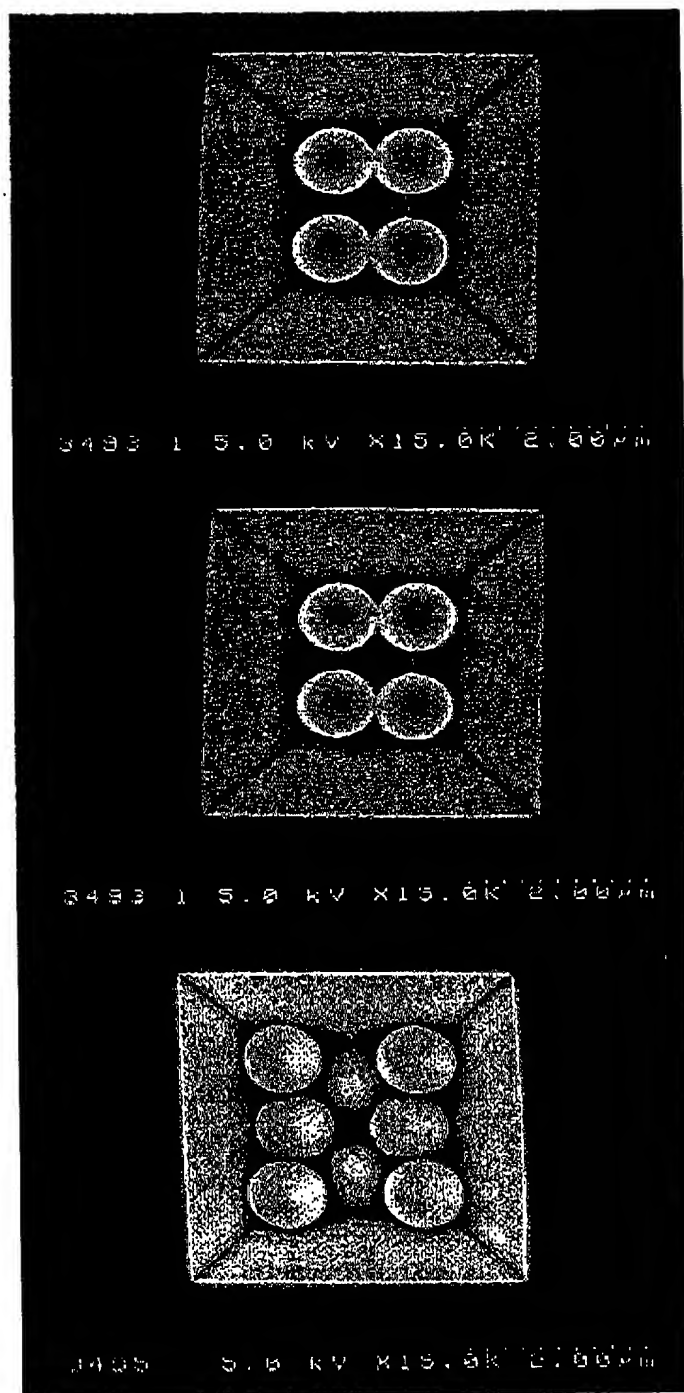
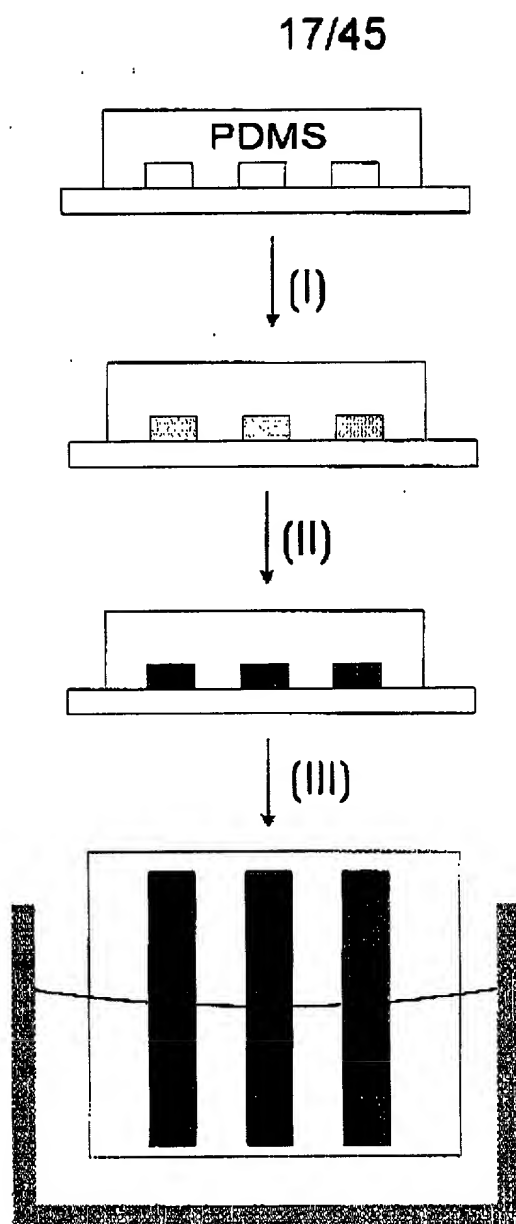


Figure 7

**Figure 8**

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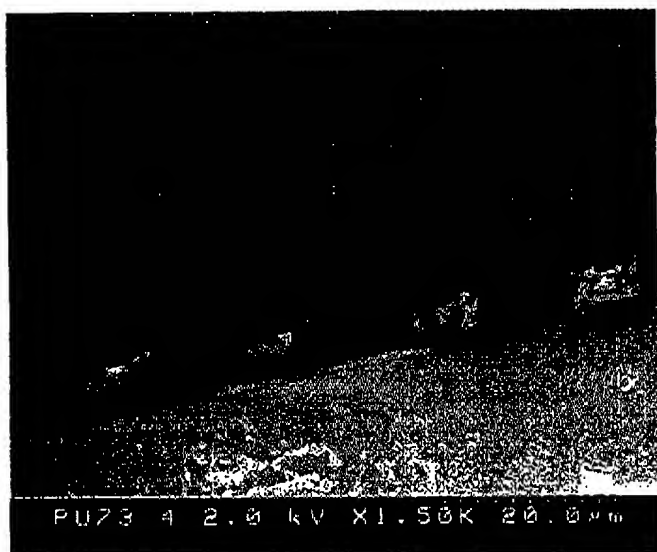
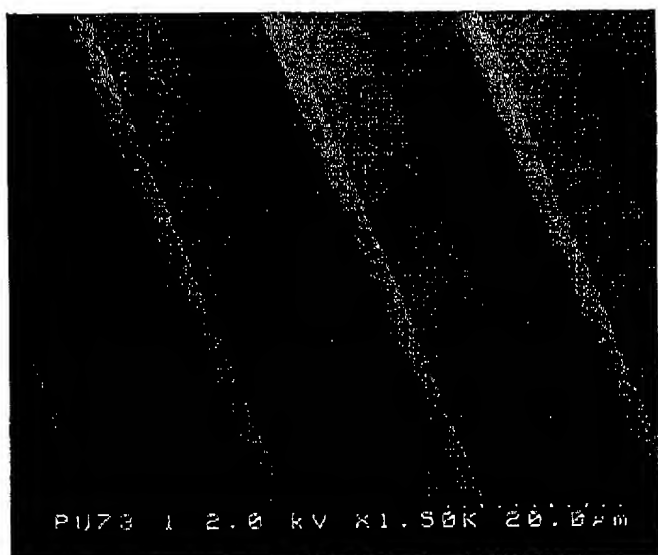
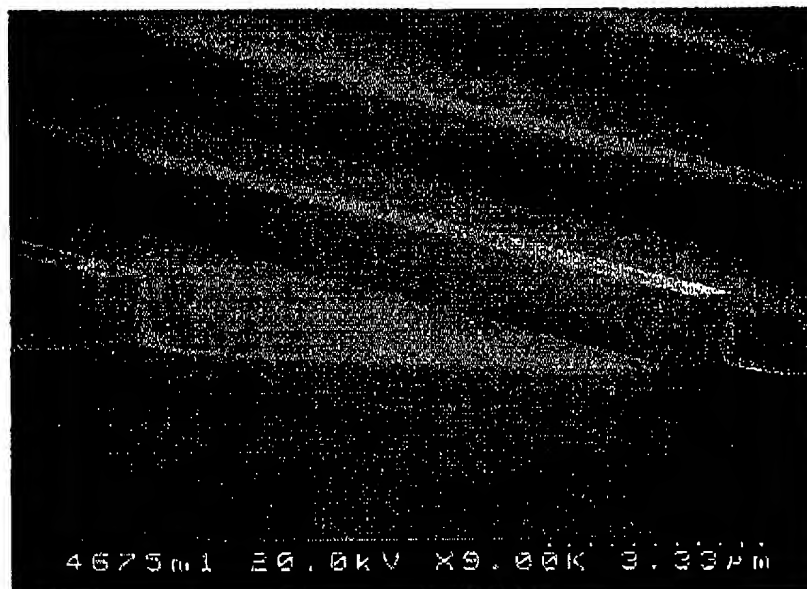
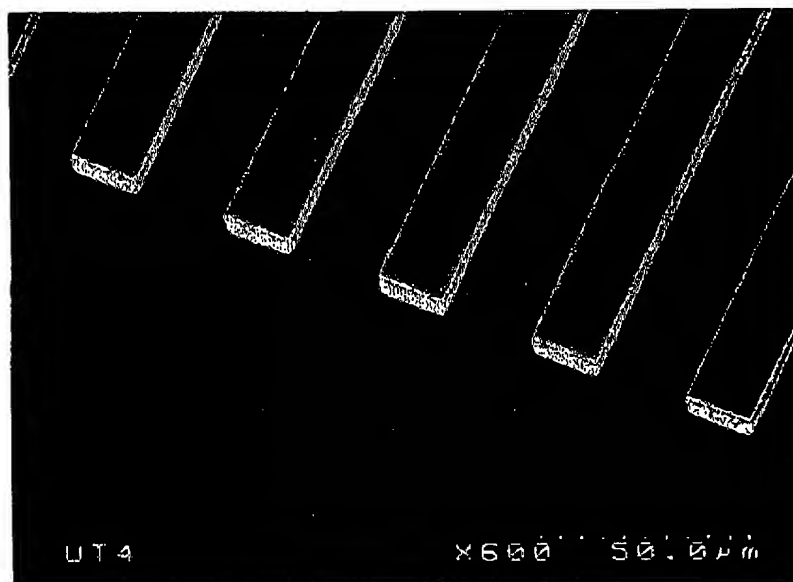
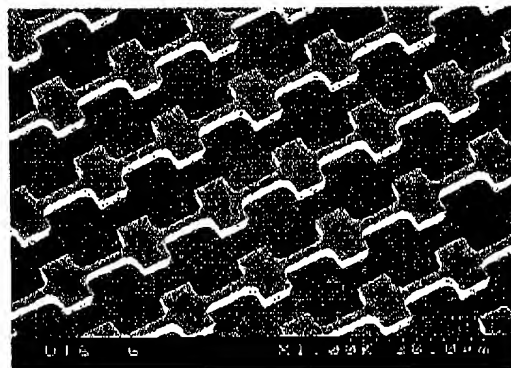
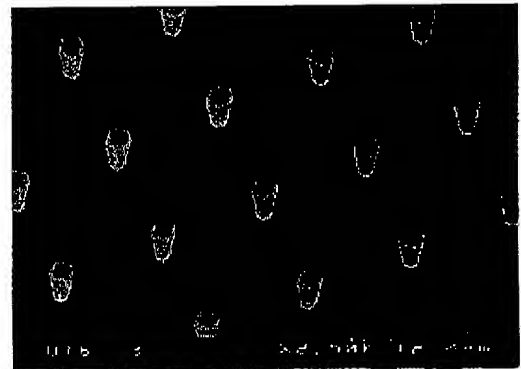
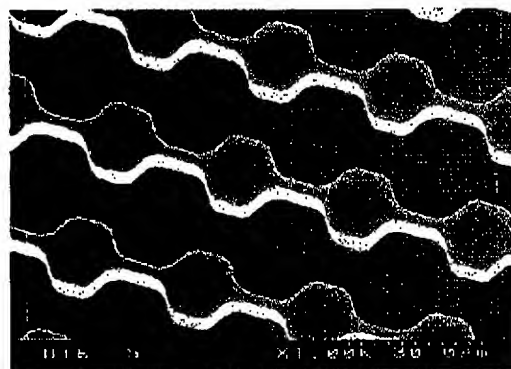
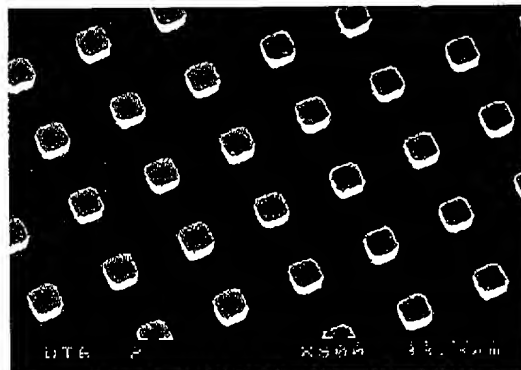
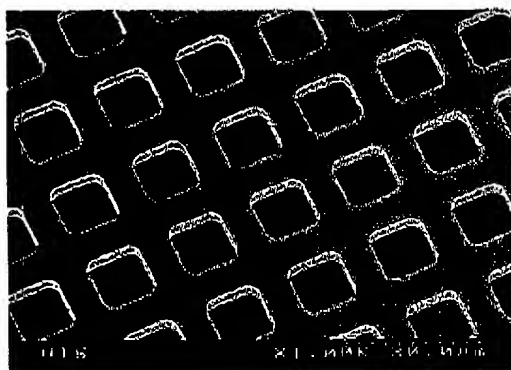


Figure 9a

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**Figure 9b****Figure 9c**

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**Figure 9d**

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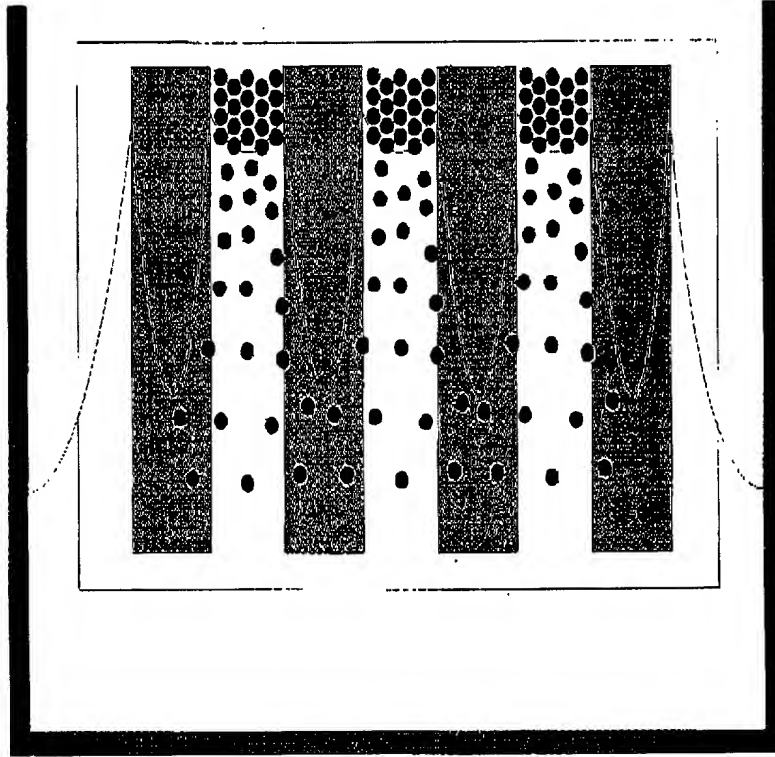


Figure 10

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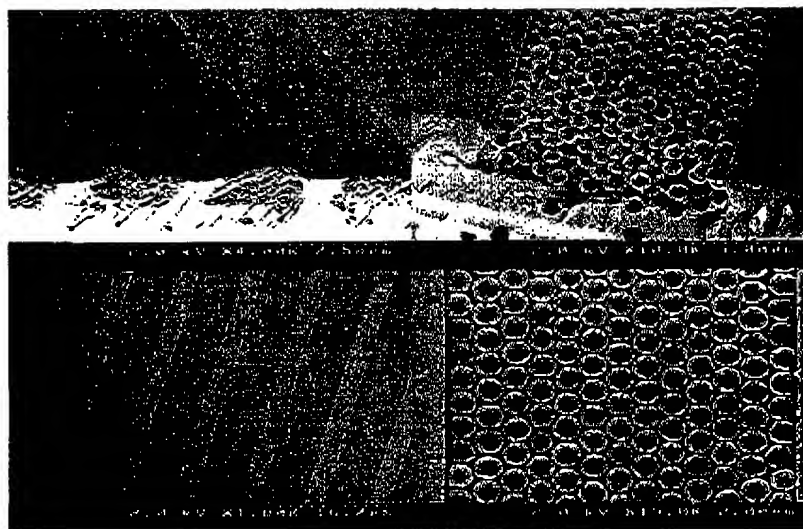


Figure 11a

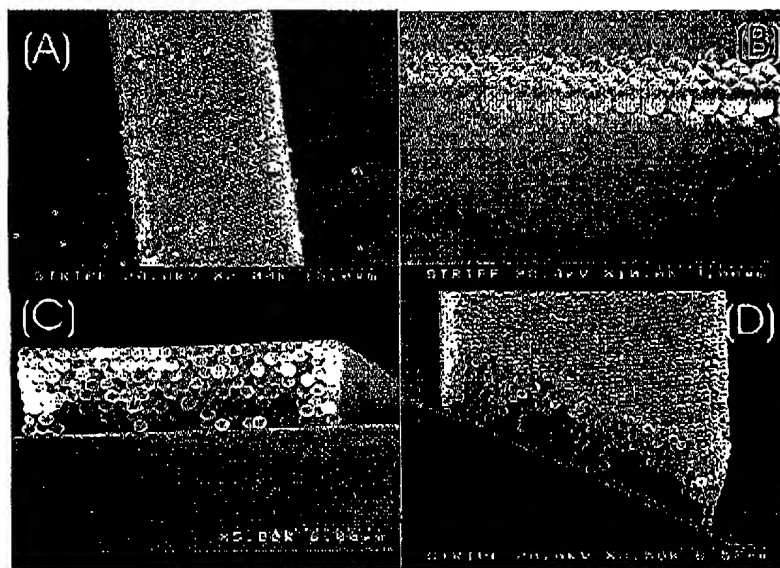
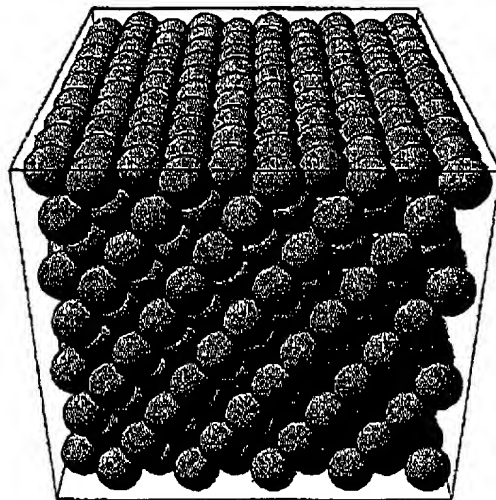
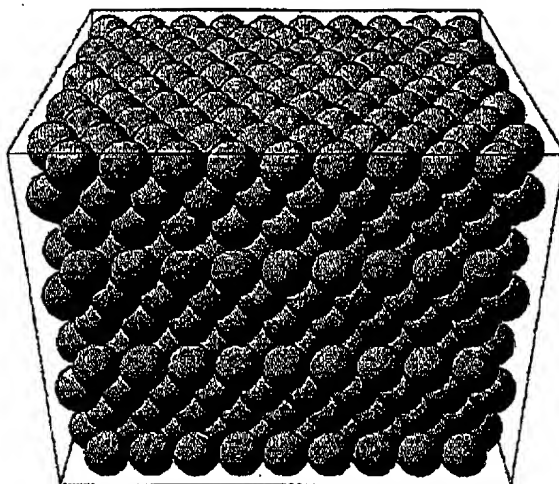


Figure 11b

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**Figure 12a****Figure 12b**

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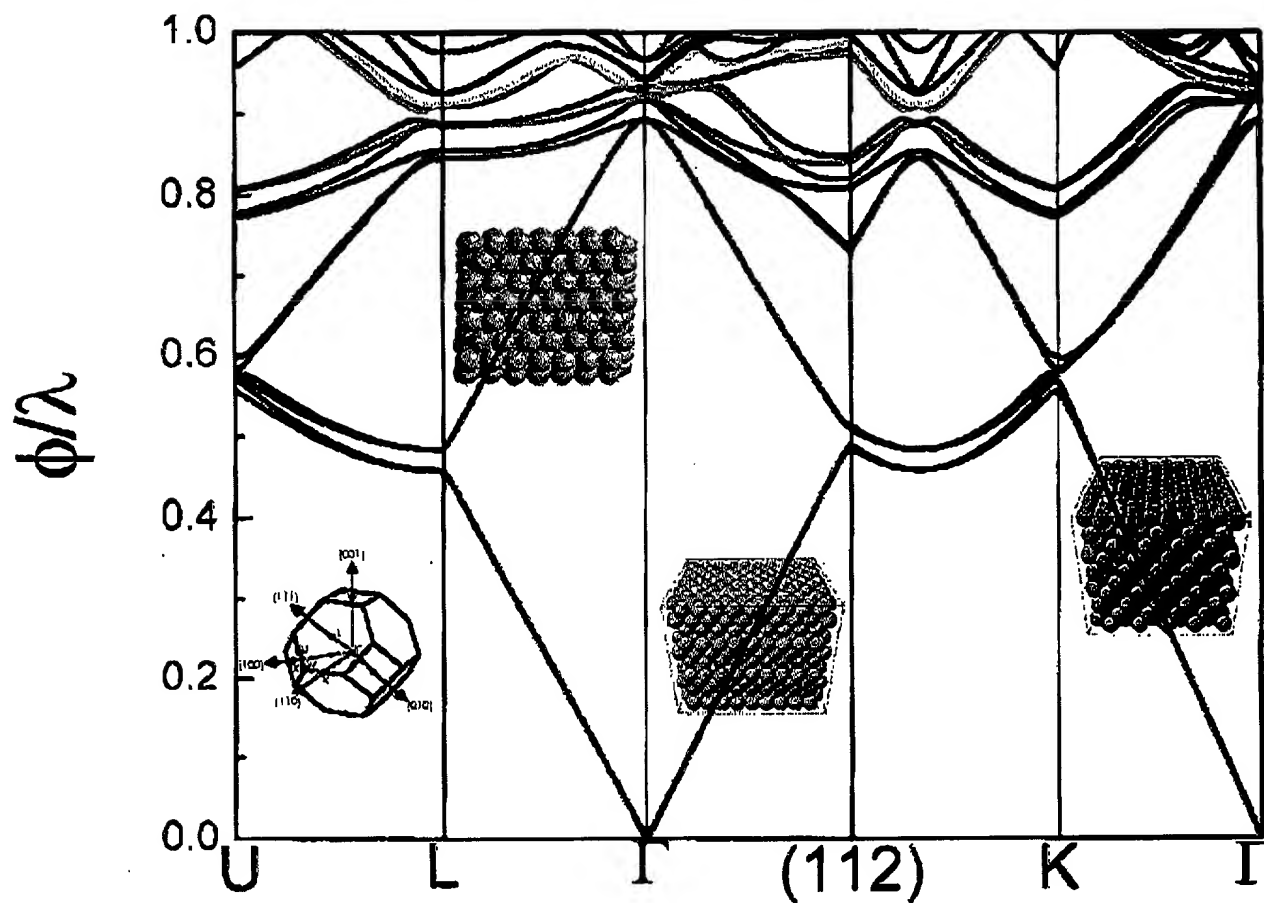


Figure 13

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Figure 14

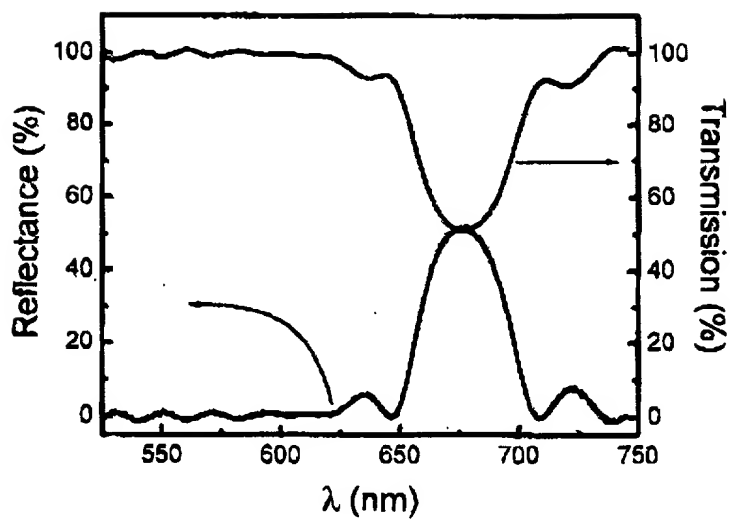


Figure 15

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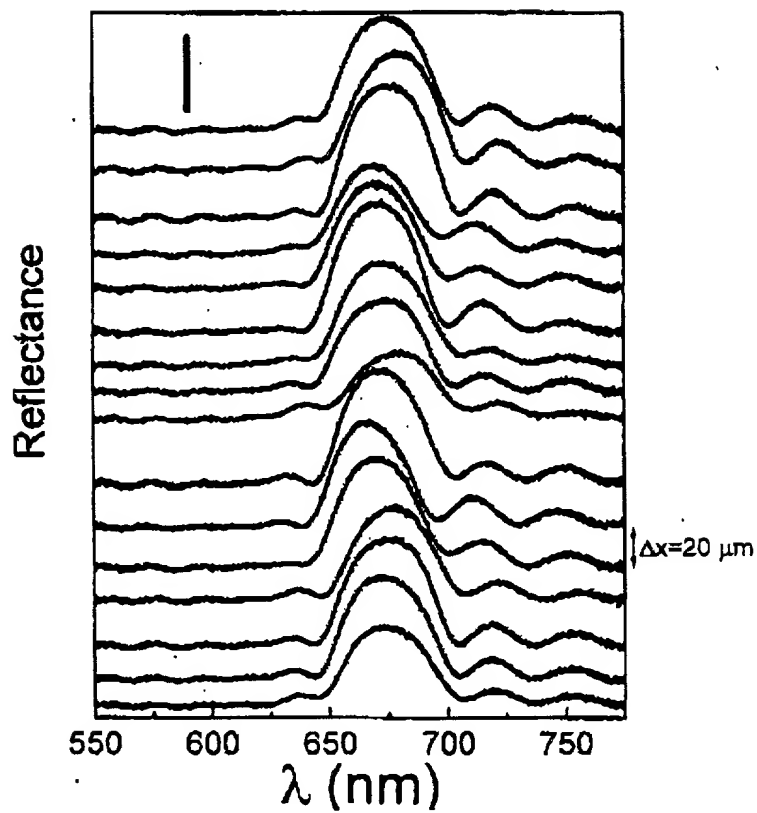


Figure 16a

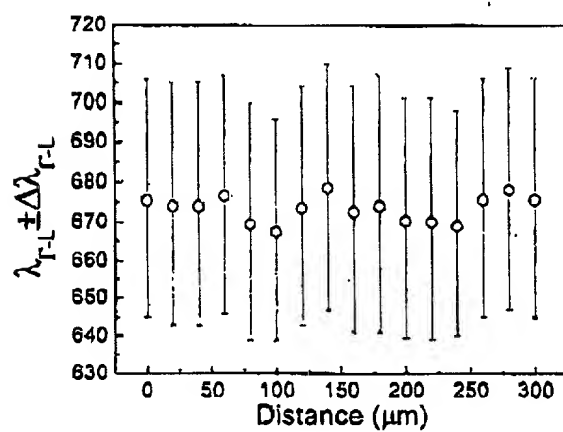


Figure 16b

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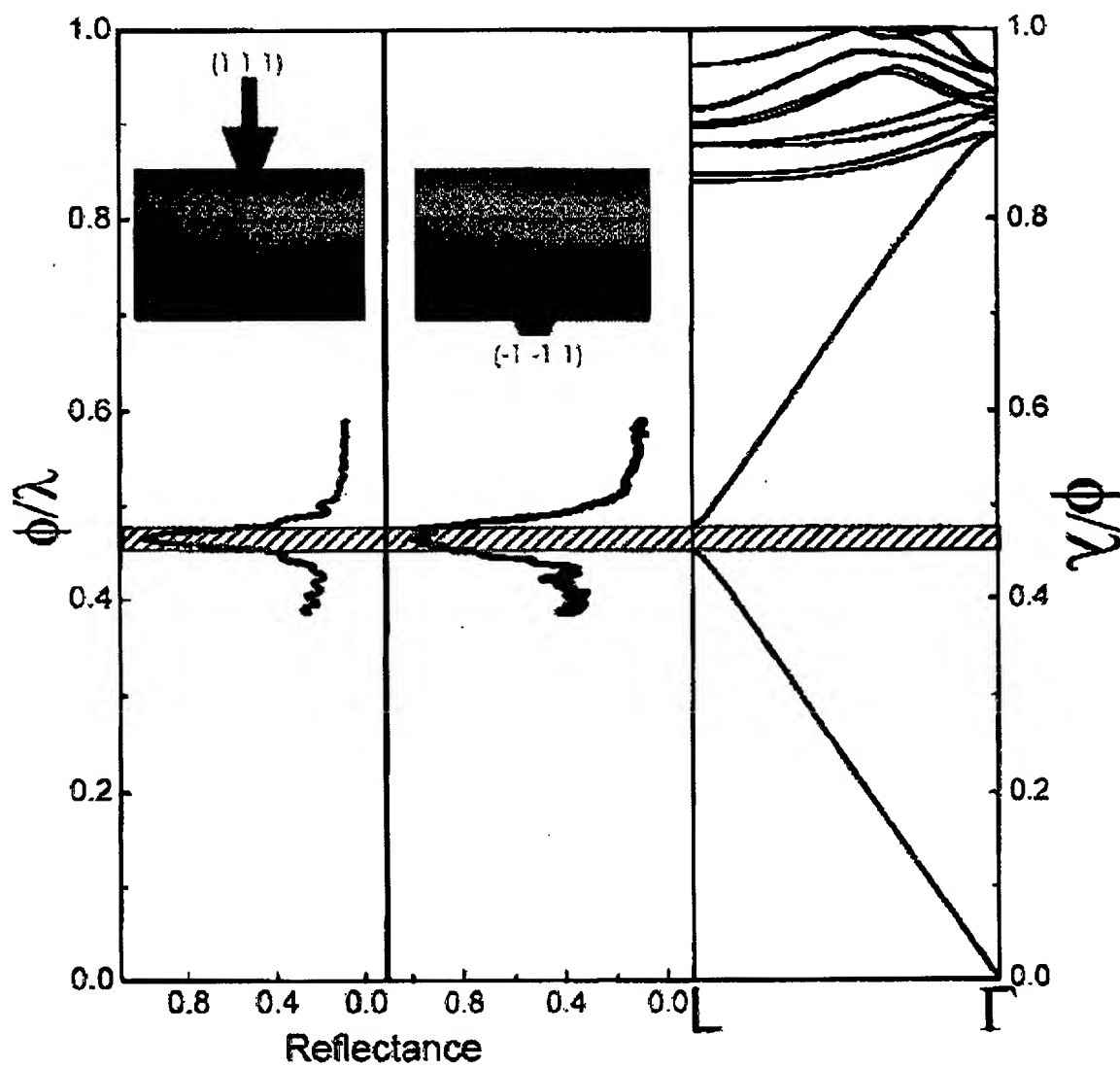


Figure 17

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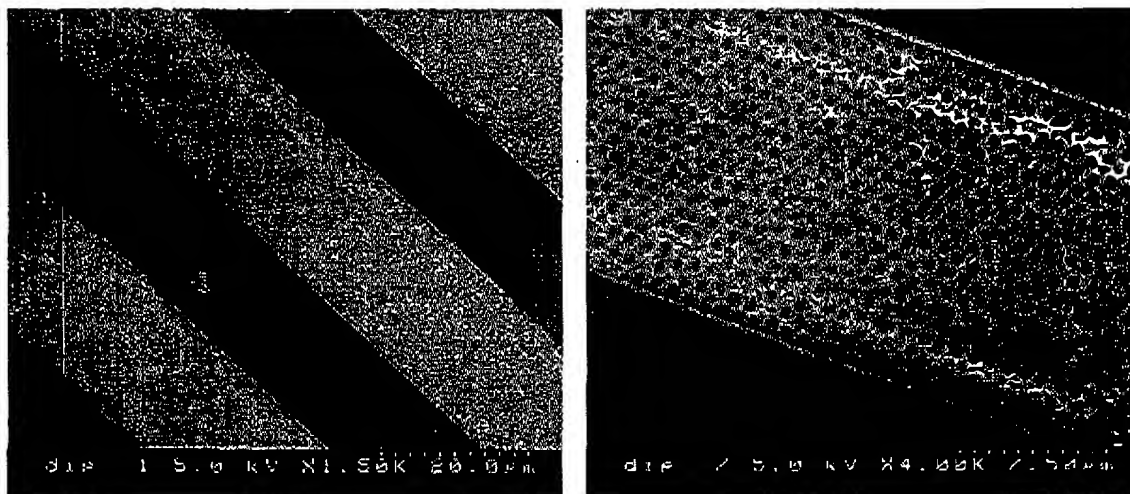
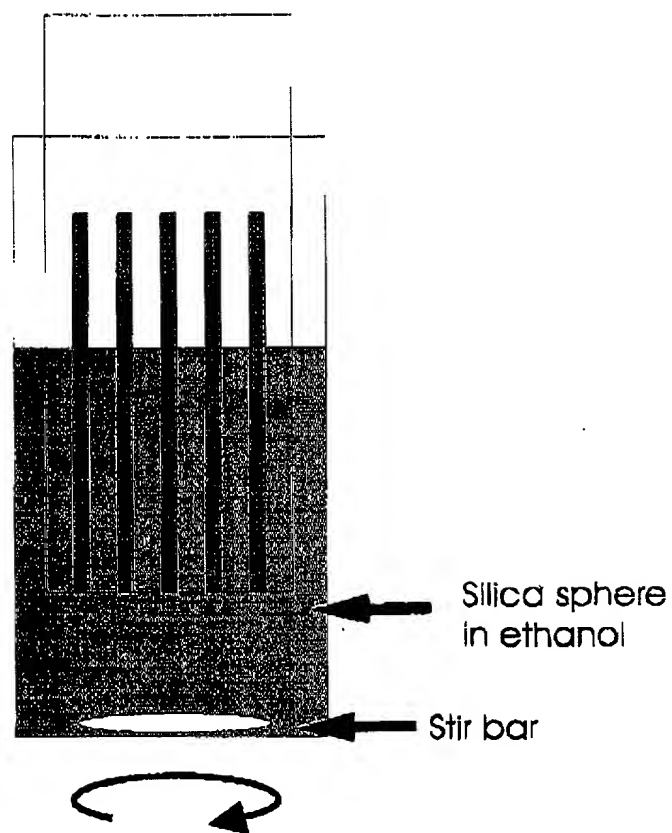


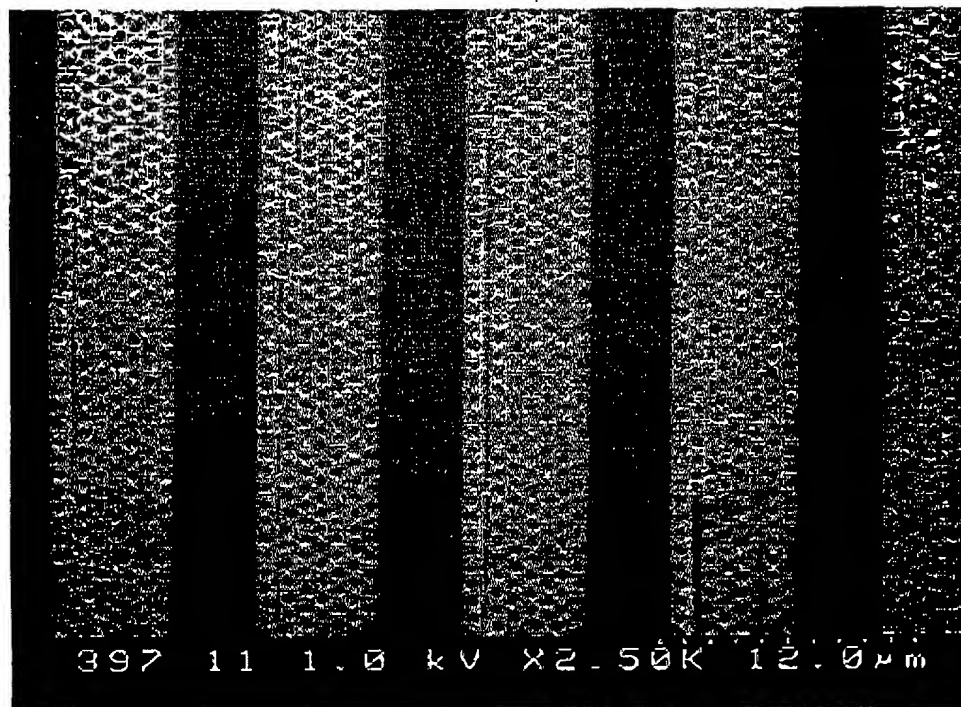
Figure 18

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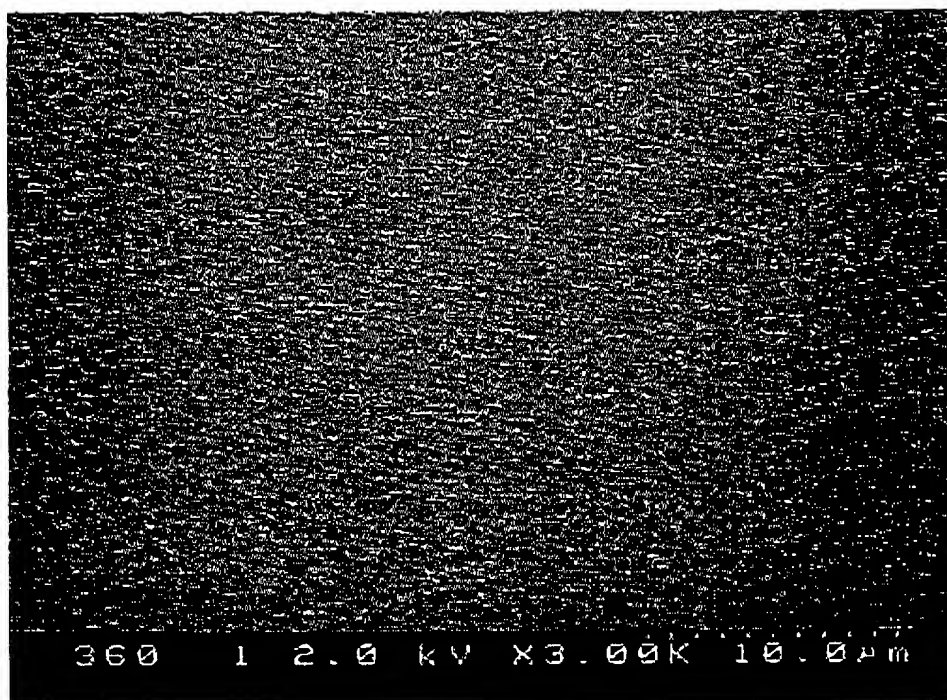
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**Figure 19**

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**Figure 20a**

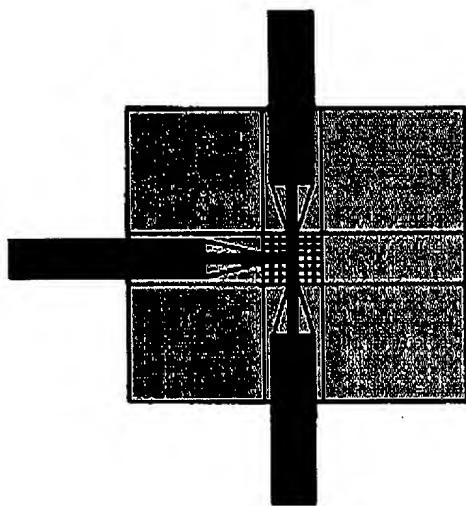
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**Figure 20b**

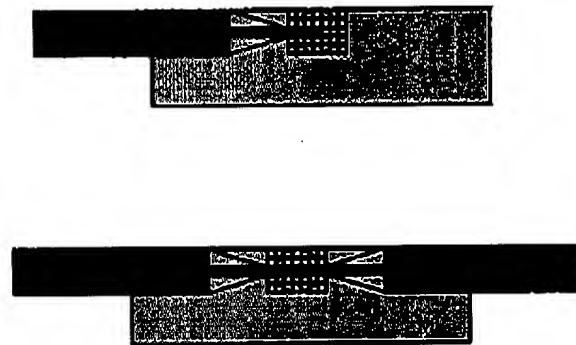
T03T0T\*452/660

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# INTEGRATED PHOTONIC CHIP: IN-WAFER PATTERNED PHOTONIC CRYSTALS AND OPTICAL FIBERS

**Figure 21a**

Top View Of Photonic Chip

**Figure 21b,c**

Side Views Of Photonic Chip

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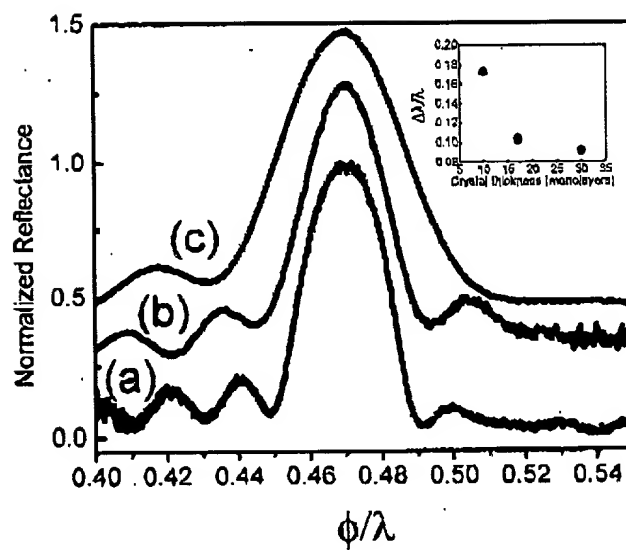
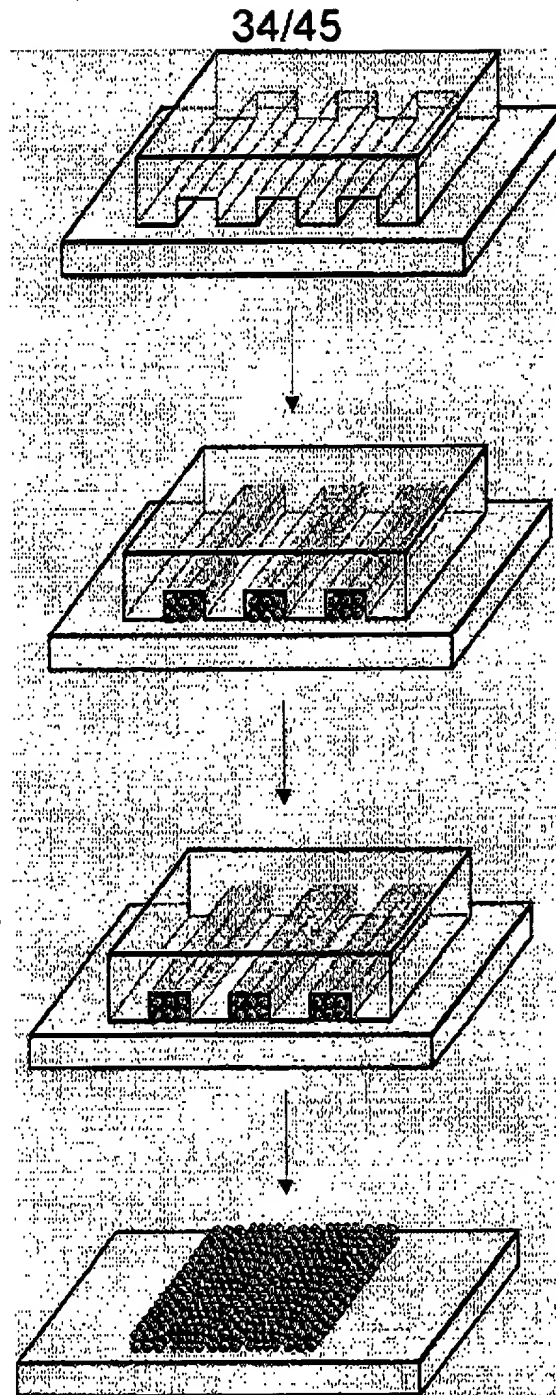
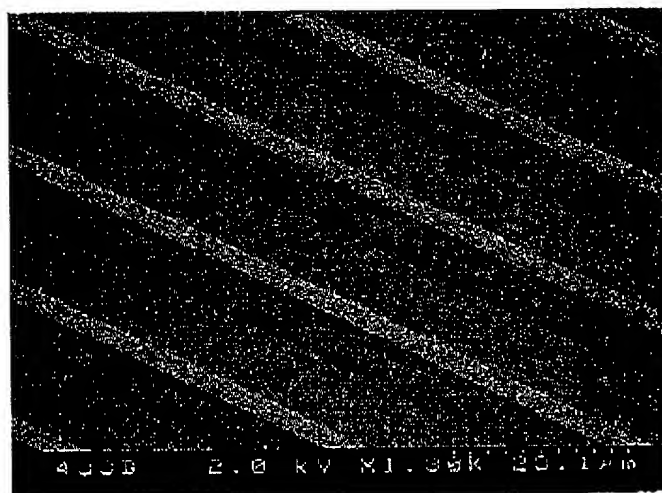


Figure 22

**Figure 23a**

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**Figure 23b**

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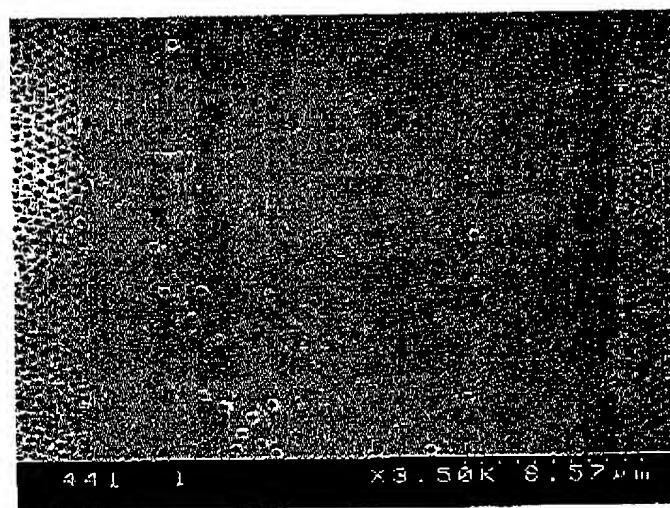
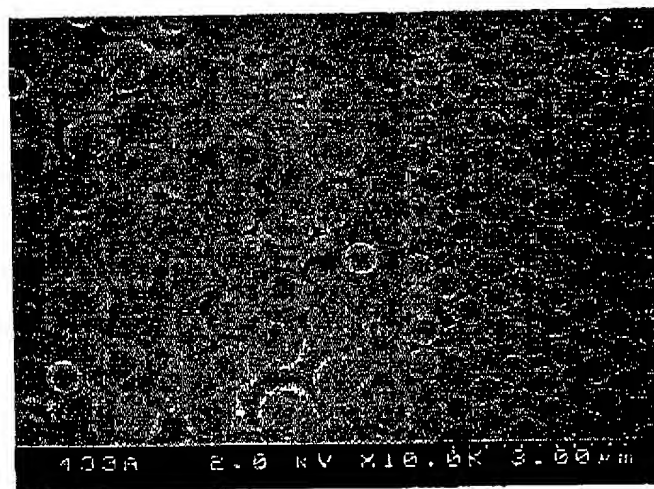


Figure 23c

0997254-101601

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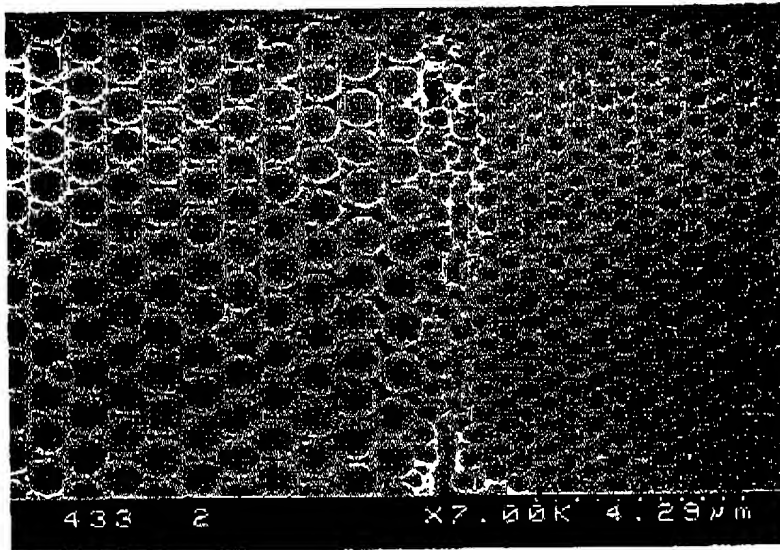


Figure 23d

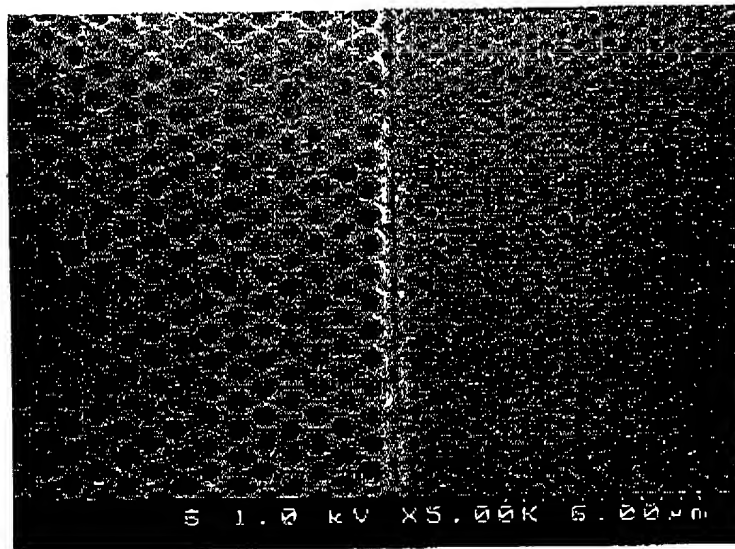


Figure 23e

0997254-101601

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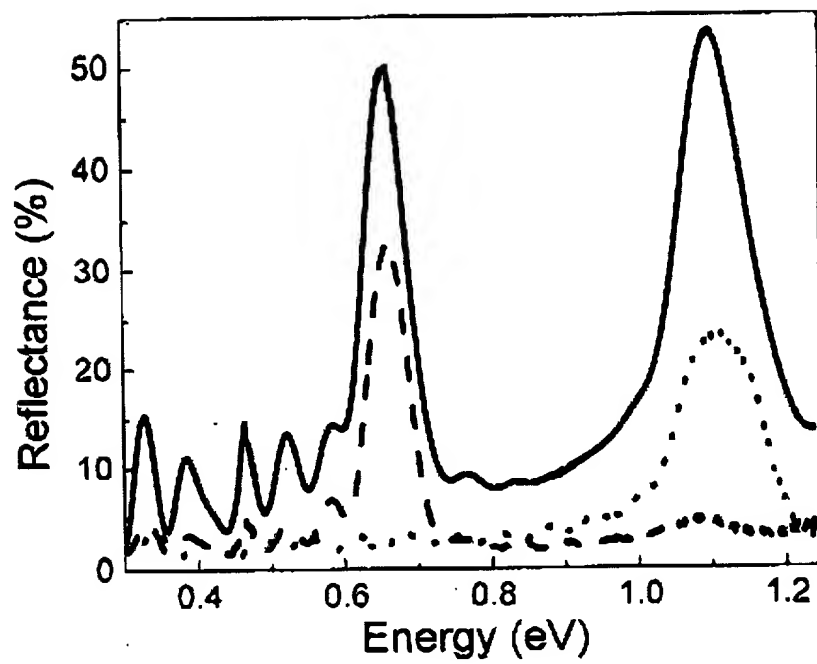


Figure 24

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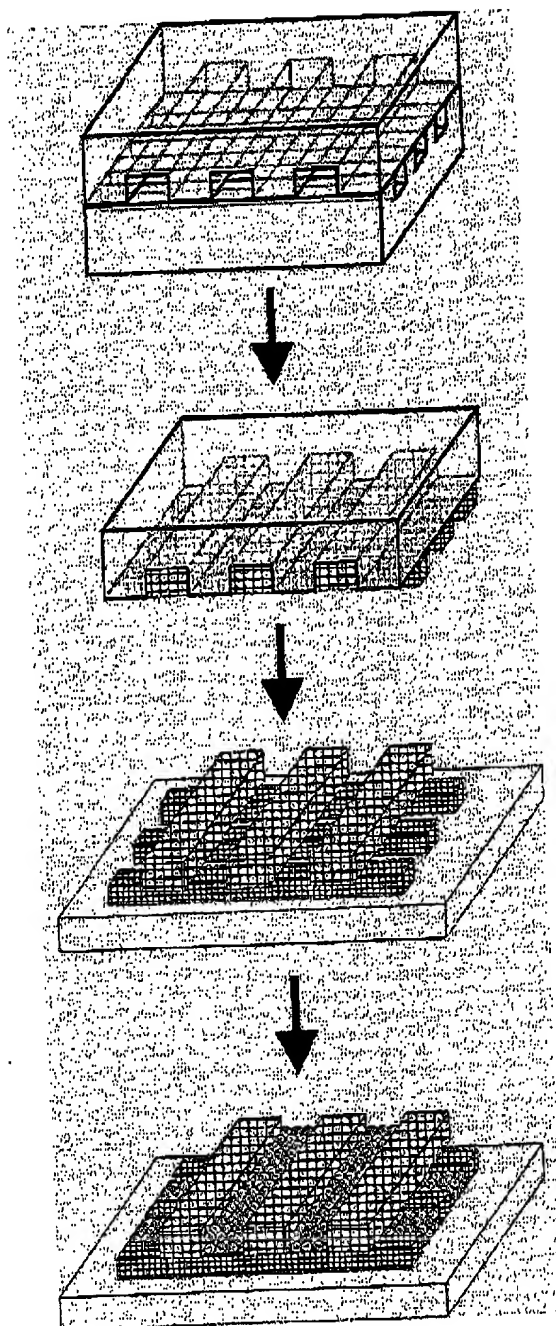


Figure 25a

T09T0T"452/2560

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Figure 25b

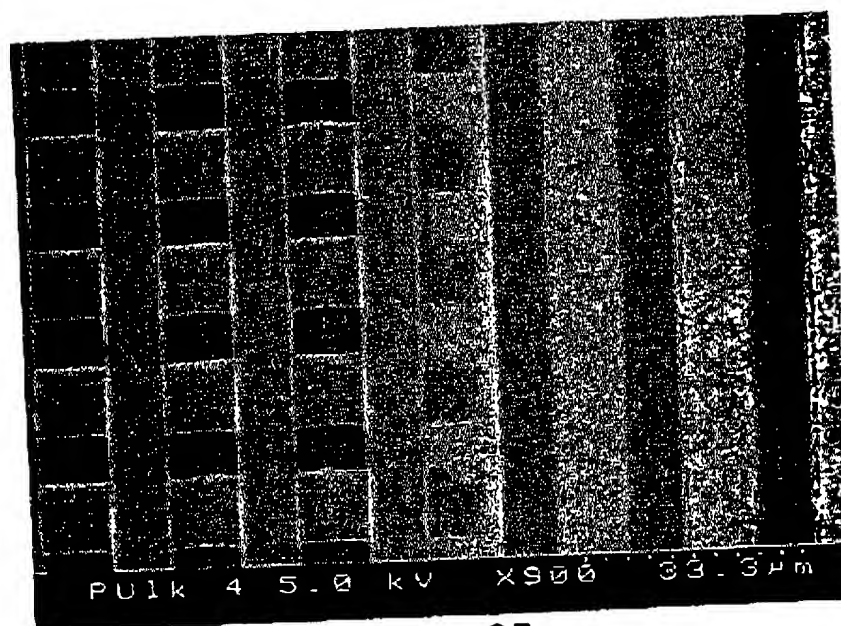


Figure 25c

T09T0T"4522/650

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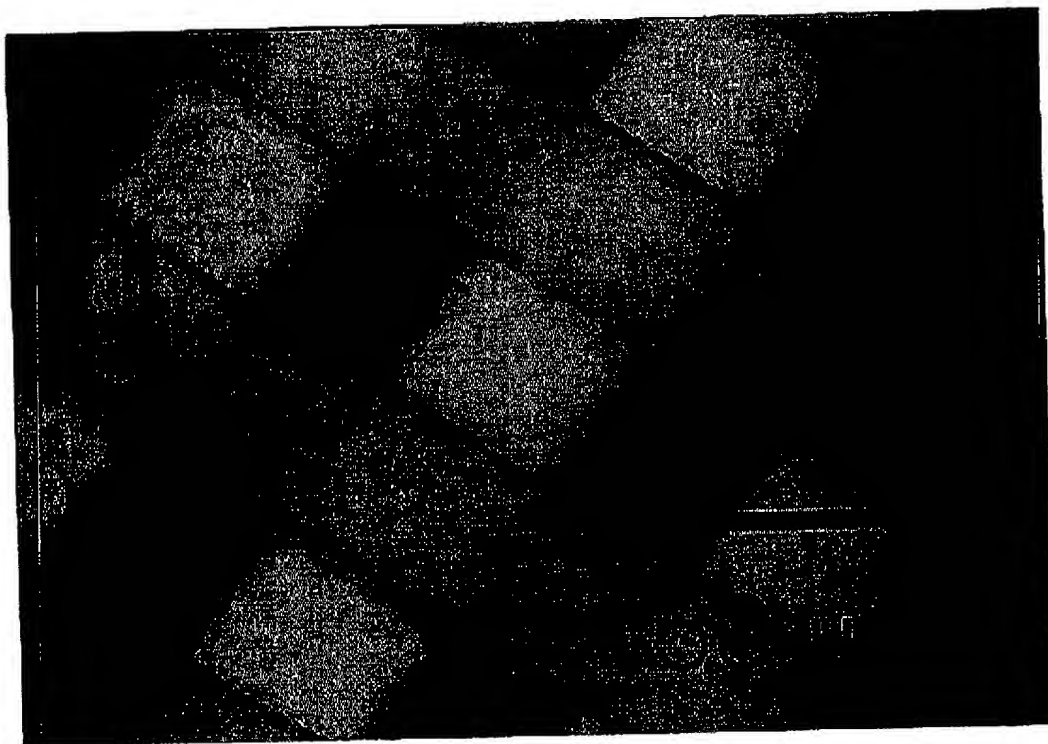


Figure 26

097234-101604

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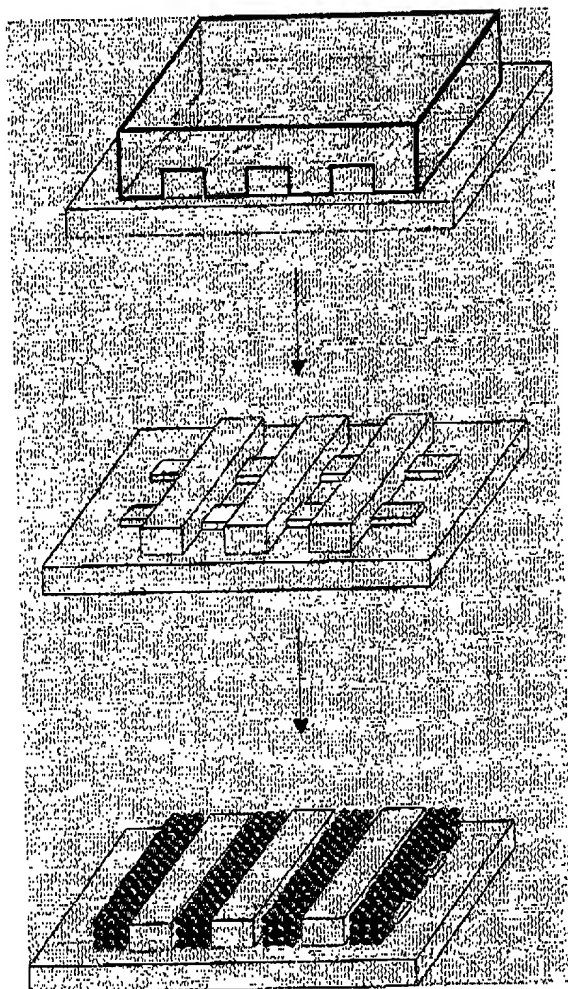


Figure 27a

FOSTOT 4527660

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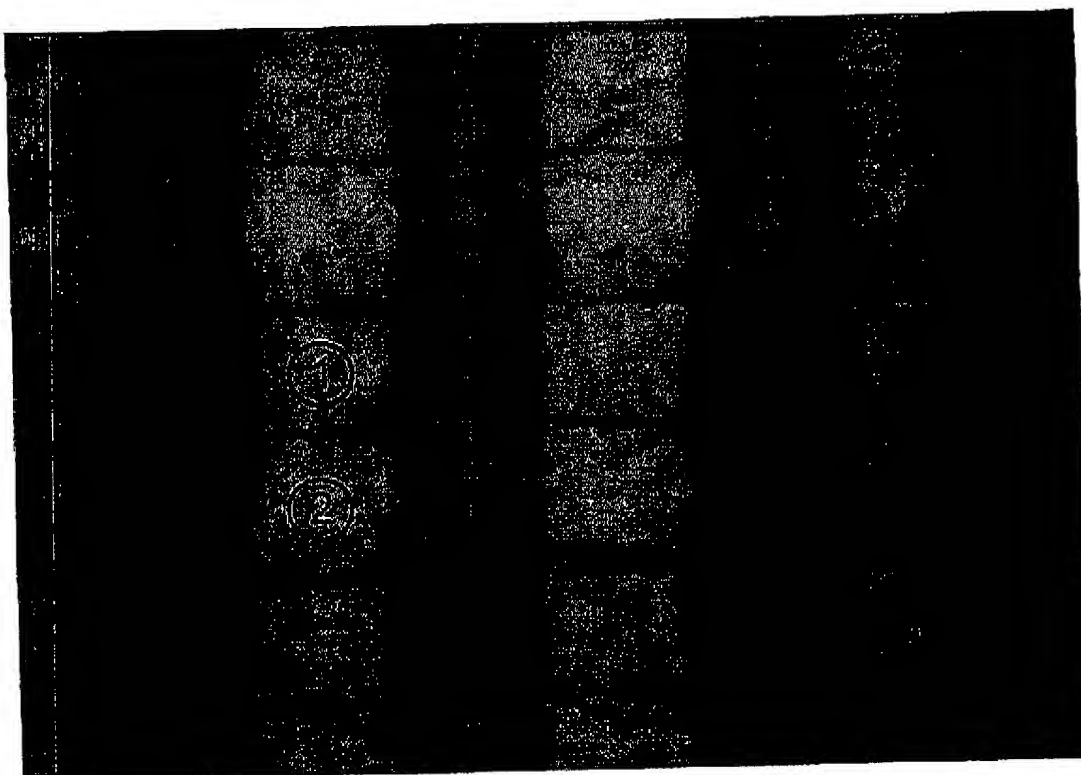


Figure 28a

0997254-101601

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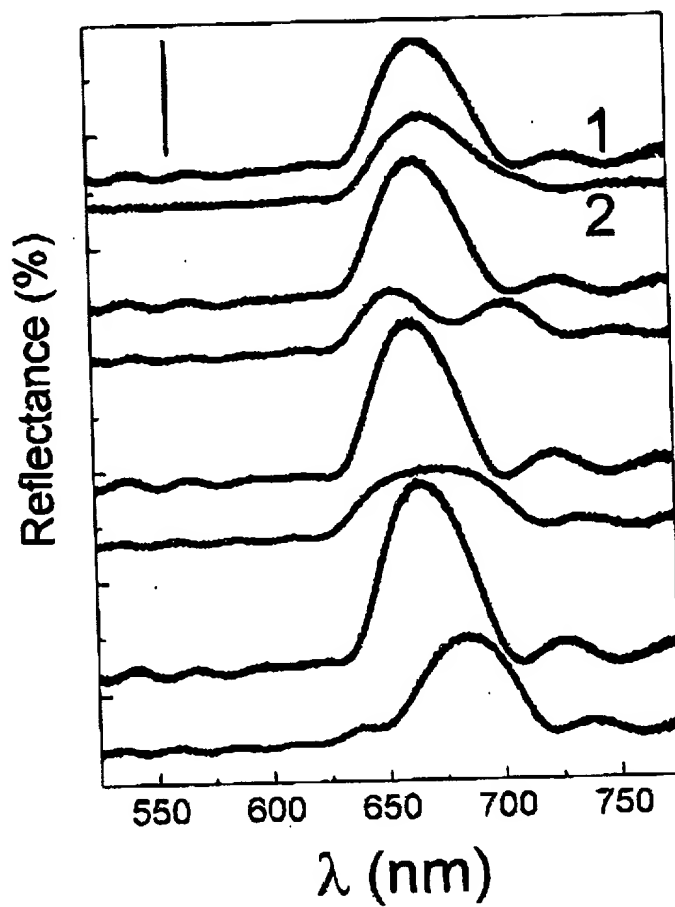


Figure 28b

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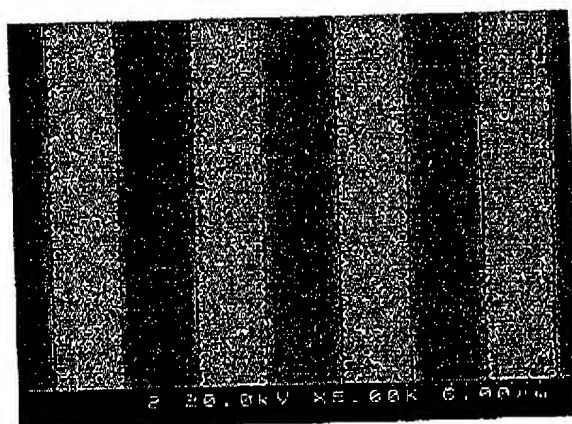
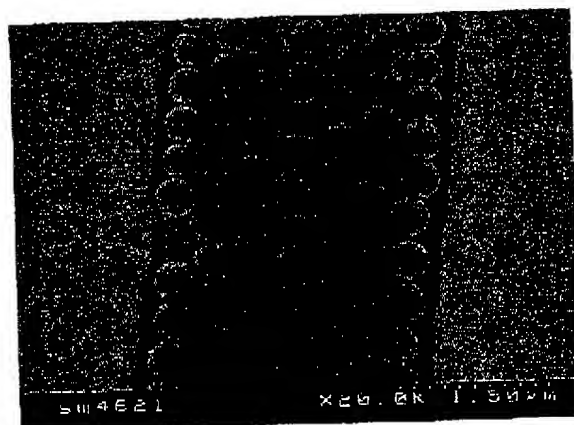


Figure 29

TDS TOT 4524650